

# *Chem-Impex International Inc.*

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## SAFETY DATA SHEET

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### SECTION 1. CHEMICAL IDENTIFICATION

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|                                 |   |
|---------------------------------|---|
| CATALOG #:                      | 00790   |
| NAME:                           | 2-Iodopropane<br>contains copper as stabilizer      |
| SYNONYMS:                       | Isopropyl iodide                                    |
| 24 HOUR EMERGENCY<br>TELEPHONE: | (800) 535-5053(USA)<br>352-323-3500 (INTERNATIONAL) |
| TO REQUEST AN MSDS:             | (800) 869-9290                                      |
| CUSTOMER<br>SERVICE:            | (630) 766-2112                                      |

### SECTION 2. HAZARDS IDENTIFICATION

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**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**  
**GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA**  
**HCS)**  
FLAMMABLE LIQUIDS (CATEGORY 3), H226  
ACUTE TOXICITY, ORAL (CATEGORY 4), H302

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS  
SECTION, SEE SECTION 16.

**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS  
PICTOGRAM**



SIGNAL WORD                      WARNING

HAZARD STATEMENT(S)

H226                                  FLAMMABLE LIQUID AND VAPOUR.

H302                                  HARMFUL IF SWALLOWED.

PRECAUTIONARY STATEMENT(S)

P210                                  KEEP AWAY FROM HEAT/SPARKS/OPEN  
FLAMES/HOT SURFACES. - NO SMOKING.

P233                                  KEEP CONTAINER TIGHTLY CLOSED.

P240                                  GROUND/BOND CONTAINER AND RECEIVING  
EQUIPMENT.

P241                                  USE EXPLOSION-PROOF ELECTRICAL/  
VENTILATING/ LIGHTING/ EQUIPMENT.

P242                                  USE ONLY NON-SPARKING TOOLS.

P243                                  TAKE PRECAUTIONARY MEASURES AGAINST  
STATIC DISCHARGE.

P264                                  WASH SKIN THOROUGHLY AFTER HANDLING.

P270                                  DO NOT EAT, DRINK OR SMOKE WHEN USING  
THIS PRODUCT.

P280                                  WEAR PROTECTIVE GLOVES/ EYE PROTECTION/  
FACE PROTECTION.

P301 + P312 + P330              IF SWALLOWED: CALL A POISON CENTER OR  
DOCTOR/ PHYSICIAN IF YOU FEEL UNWELL.  
RINSE MOUTH.

P303 + P361 + P353              IF ON SKIN (OR HAIR): REMOVE/ TAKE OFF  
IMMEDIATELY ALL CONTAMINATED CLOTHING.  
RINSE SKIN WITH WATER/ SHOWER.

P370 + P378                        IN CASE OF FIRE: USE DRY SAND, DRY  
CHEMICAL OR ALCOHOL-RESISTANT FOAM FOR  
EXTINCTION.

P403 + P235                        STORE IN A WELL-VENTILATED PLACE. KEEP  
COOL.

P501                                  DISPOSE OF CONTENTS/ CONTAINER TO AN  
APPROVED WASTE DISPOSAL PLANT.

HAZARDS NOT                        NONE

OTHERWISE  
CLASSIFIED (HNOC)  
OR NOT COVERED  
BY GHS

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**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

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MF:                                      C<sub>3</sub>H<sub>7</sub>I

MW:                                      169.99

CAS-NO. 75-30-9  
PURITY:  $\geq 99\%$  (GC)

#### HAZARDOUS COMPONENTS

| COMPONENT                                      | CLASSIFICATION                            | CONCENTRATION |
|--|---|---------------|
| 2-Iodopropane<br>contains copper as stabilizer |   |               |
|  | FLAM. LIQ. 3; ACUTE TOX. 4;<br>H226, H302 | $\leq 100\%$  |

FOR THE FULL TEXT OF THE H-STATEMENTS MENTIONED IN THIS SECTION, SEE SECTION 16.

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#### SECTION 4. FIRST-AID MEASURES

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##### DESCRIPTION OF FIRST AID MEASURES

|   |  |
|---|--|
| GENERAL ADVICE<br>IF INHALED  | MOVE OUT OF DANGEROUS AREA.<br>IF BREATHED IN, MOVE PERSON INTO FRESH AIR. IF<br>NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. |
| IN CASE OF SKIN<br>CONTACT  | WASH OFF WITH SOAP AND PLENTY OF WATER.  |
| IN CASE OF EYE<br>CONTACT   | FLUSH EYES WITH WATER AS A PRECAUTION.   |
| IF SWALLOWED  | NEVER GIVE ANYTHING BY MOUTH TO AN<br>UNCONSCIOUS PERSON. RINSE MOUTH WITH WATER.  |
| MOST IMPORTANT<br>SYMPTOMS AND<br>EFFECTS, BOTH ACUTE<br>AND DELAYED                | THE MOST IMPORTANT KNOWN SYMPTOMS AND<br>EFFECTS ARE DESCRIBED IN THE LABELLING (SEE<br>SECTION 2.2) AND/OR IN SECTION 11    |
| INDICATION OF ANY<br>IMMEDIATE MEDICAL<br>ATTENTION AND SPECIAL<br>TREATMENT NEEDED | NO DATA AVAILABLE  |

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#### SECTION 5. FIRE AND EXPLOSION DATA

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##### EXTINGUISHING MEDIA

|   |   |
|---|---|
| SUITABLE EXTINGUISHING<br>MEDIA                             | USE WATER SPRAY, ALCOHOL-RESISTANT FOAM, DRY<br>CHEMICAL OR CARBON DIOXIDE. |
| SPECIAL HAZARDS<br>ARISING FROM THE<br>SUBSTANCE OR MIXTURE | CARBON OXIDES, HYDROGEN IODIDE  |
| ADVICE FOR<br>FIREFIGHTERS                                  | WEAR SELF-CONTAINED BREATHING APPARATUS FOR<br>FIREFIGHTING IF NECESSARY.   |
| FURTHER INFORMATION   | NO DATA AVAILABLE   |

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

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|   |   |
|---|---|
| PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES             | AVOID BREATHING VAPOURS, MIST OR GAS. FOR PERSONAL PROTECTION SEE SECTION 8.                        |
| ENVIRONMENTAL PRECAUTIONS METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP | NO SPECIAL ENVIRONMENTAL PRECAUTIONS REQUIRED.<br>KEEP IN SUITABLE, CLOSED CONTAINERS FOR DISPOSAL. |
| REFERENCE TO OTHER SECTIONS   | FOR DISPOSAL SEE SECTION 13.  |

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**SECTION 7. HANDLING AND STORAGE**

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|  |  |
|--|--|
| PRECAUTIONS FOR SAFE HANDLING  | FOR PRECAUTIONS SEE SECTION 2.2.   |
| CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES SPECIFIC END USE(S) | KEEP CONTAINER TIGHTLY CLOSED IN A DRY AND WELL-VENTILATED PLACE.<br>STORAGE CLASS (TRGS 510): FLAMMABLE LIQUIDS APART FROM THE USES MENTIONED IN SECTION 1.2<br>NO OTHER SPECIFIC USES ARE STIPULATED |

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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|  |   |
|--|---|
| <b>CONTROL PARAMETERS</b>                    |   |
| COMPONENTS WITH WORKPLACE CONTROL PARAMETERS | CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES.   |
| <b>EXPOSURE CONTROLS</b>                     |   |
| APPROPRIATE ENGINEERING CONTROLS             | GENERAL INDUSTRIAL HYGIENE PRACTICE.  |
| PERSONAL PROTECTIVE EQUIPMENT                |   |
| EYE/FACE PROTECTION                          | USE EQUIPMENT FOR EYE PROTECTION TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR EN 166(EU). |

|                                   |   |
|-----------------------------------|---|
| SKIN PROTECTION                   | <p>HANDLE WITH GLOVES. GLOVES MUST BE INSPECTED PRIOR TO USE. USE PROPER GLOVE REMOVAL TECHNIQUE (WITHOUT TOUCHING GLOVE'S OUTER SURFACE) TO AVOID SKIN CONTACT WITH THIS PRODUCT. DISPOSE OF CONTAMINATED GLOVES AFTER USE IN ACCORDANCE WITH APPLICABLE LAWS AND GOOD LABORATORY PRACTICES. WASH AND DRY HANDS.</p> <p>FULL CONTACT<br/> MATERIAL: FLUORINATED RUBBER<br/> MINIMUM LAYER THICKNESS: 0.7 MM<br/> BREAK THROUGH TIME: 480 MIN<br/> MATERIAL TESTED: VITOJECT (KCL 890 , SIZE M)</p> <p>SPLASH CONTACT<br/> MATERIAL: FLUORINATED RUBBER<br/> MINIMUM LAYER THICKNESS: 0.7 MM<br/> BREAK THROUGH TIME: 480 MIN<br/> MATERIAL TESTED: VITOJECT (KCL 890 , SIZE M)</p> <p>IF USED IN SOLUTION, OR MIXED WITH OTHER SUBSTANCES, AND UNDER CONDITIONS WHICH DIFFER FROM EN 374, CONTACT THE SUPPLIER OF THE CE APPROVED GLOVES. THIS RECOMMENDATION IS ADVISORY ONLY AND MUST BE EVALUATED BY AN INDUSTRIAL HYGIENIST AND SAFETY OFFICER FAMILIAR WITH THE SPECIFIC SITUATION OF ANTICIPATED USE BY OUR CUSTOMERS. IT SHOULD NOT BE CONSTRUED AS OFFERING AN APPROVAL FOR ANY SPECIFIC USE SCENARIO.</p> |
| BODY PROTECTION                   | IMPERVIOUS CLOTHING, THE TYPE OF PROTECTIVE EQUIPMENT MUST BE SELECTED ACCORDING TO THE CONCENTRATION AND AMOUNT OF THE DANGEROUS SUBSTANCE AT THE SPECIFIC WORKPLACE.  |
| RESPIRATORY PROTECTION            | RESPIRATORY PROTECTION NOT REQUIRED. FOR NUISANCE EXPOSURES USE TYPE OV/AG (US) OR TYPE ABEK (EU EN14387) RESPIRATOR CARTRIDGES. USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU).  |
| CONTROL OF ENVIRONMENTAL EXPOSURE | NO SPECIAL ENVIRONMENTAL PRECAUTIONS REQUIRED.  |

## **SECTION 9.      PHYSICAL AND CHEMICAL PROPERTIES**

### **INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

|                 |                         |
|-----------------|-------------------------|
| APPEARANCE      | Clear, colorless liquid |
| ODOUR           | NO DATA AVAILABLE       |
| ODOUR THRESHOLD | NO DATA AVAILABLE       |
| PH              | NO DATA AVAILABLE       |

|  |                     |
|--|---------------------|
| MELTING POINT/FREEZING POINT                 | -90 °C              |
| BOILING POINT                                | 88 - 90 °C          |
| FLASH POINT                                  | 42 °C               |
| EVAPORATION RATE                             | NO DATA AVAILABLE   |
| FLAMMABILITY (SOLID, GAS)                    | NO DATA AVAILABLE   |
| UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS | NO DATA AVAILABLE   |
| VAPOUR PRESSURE                              | NO DATA AVAILABLE   |
| VAPOUR DENSITY                               | NO DATA AVAILABLE   |
| RELATIVE DENSITY                             | 1.703 g/mL at 25 °C |
| WATER SOLUBILITY                             | NO DATA AVAILABLE   |
| PARTITION COEFFICIENT: N- OCTANOL/WATER      | LOG POW: 2.89       |
| AUTO-IGNITION TEMPERATURE                    | NO DATA AVAILABLE   |
| DECOMPOSITION TEMPERATURE                    | NO DATA AVAILABLE   |
| VISCOSITY                                    | NO DATA AVAILABLE   |
| EXPLOSIVE PROPERTIES                         | NO DATA AVAILABLE   |
| OXIDIZING PROPERTIES                         | NO DATA AVAILABLE   |
| OTHER SAFETY INFORMATION                     | NO DATA AVAILABLE   |

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## **SECTION 10. STABILITY AND REACTIVITY**

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|                                    |   |
|------------------------------------|---|
| REACTIVITY                         | NO DATA AVAILABLE   |
| CHEMICAL STABILITY                 | STABLE UNDER RECOMMENDED STORAGE CONDITIONS.  |
| POSSIBILITY OF HAZARDOUS REACTIONS | NO DATA AVAILABLE   |
| CONDITIONS TO AVOID                | NO DATA AVAILABLE   |
| INCOMPATIBLE MATERIALS             | STRONG OXIDIZING AGENTS   |
| HAZARDOUS DECOMPOSITION PRODUCTS   | OTHER DECOMPOSITION PRODUCTS - NO DATA AVAILABLE<br>IN THE EVENT OF FIRE: SEE SECTION 5 |

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

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### **INFORMATION ON TOXICOLOGICAL EFFECTS**

|                |  |
|----------------|--|
| ACUTE TOXICITY | LC50 INHALATION - RAT - 30 H - 320,000 MG/M3 |
|                | DERMAL: NO DATA AVAILABLE                    |
|                | NO DATA AVAILABLE                            |

|                       |   |
|-----------------------|---|
| SKIN                  | NO DATA AVAILABLE   |
| CORROSION/IRRITATION  |   |
| SERIOUS EYE           | NO DATA AVAILABLE   |
| DAMAGE/EYE IRRITATION |   |
| RESPIRATORY OR SKIN   | NO DATA AVAILABLE   |
| SENSITISATION         |   |
| GERM CELL             | NO DATA AVAILABLE   |
| MUTAGENICITY          |   |
| CARCINOGENICITY       | CARCINOGENICITY - MOUSE INTRAPERITONEAL TUMORIGENIC:NEOPLASTIC BY RTECS CRITERIA. LUNGS, THORAX, OR RESPIRATION:TUMORS.                                 |
| IARC:                 | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC. |
| ACGIH:                | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY ACGIH.            |
| NTP:                  | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY NTP.                 |
| OSHA:                 | NO COMPONENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA.             |
| REPRODUCTIVE TOXICITY | NO DATA AVAILABLE   |
| SPECIFIC TARGET ORGAN | NO DATA AVAILABLE   |
| TOXICITY - SINGLE     |   |
| EXPOSURE              |   |
| SPECIFIC TARGET ORGAN | NO DATA AVAILABLE   |
| TOXICITY - REPEATED   |   |
| EXPOSURE              |   |
| ASPIRATION HAZARD     | NO DATA AVAILABLE   |
| ADDITIONAL            | RTECS: TZ4200000  |
| INFORMATION           | TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.                               |

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## SECTION 12. ECOLOGICAL INFORMATION

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|                  |                   |
|------------------|-------------------|
| TOXICITY         | NO DATA AVAILABLE |
| PERSISTENCE AND  | NO DATA AVAILABLE |
| DEGRADABILITY    |                   |
| BIOACCUMULATIVE  | NO DATA AVAILABLE |
| POTENTIAL        |                   |
| MOBILITY IN SOIL | NO DATA AVAILABLE |

|                                    |  |
|------------------------------------|--|
| RESULTS OF PBT AND VPVB ASSESSMENT | PBT/VPVB ASSESSMENT NOT AVAILABLE AS CHEMICAL SAFETY ASSESSMENT NOT REQUIRED/NOT CONDUCTED |
| OTHER ADVERSE EFFECTS              | NO DATA AVAILABLE  |

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**SECTION 13. DISPOSAL CONSIDERATIONS**

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**WASTE TREATMENT METHODS**

|                        |  |
|------------------------|--|
| PRODUCT                | OFFER SURPLUS AND NON-RECYCLABLE SOLUTIONS TO A LICENSED DISPOSAL COMPANY. |
| CONTAMINATED PACKAGING | DISPOSE OF AS UNUSED PRODUCT.  |

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**SECTION 14. TRANSPORT INFORMATION**

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**DOT (US)**

|                           |              |
|---------------------------|--------------|
| PROPER SHIPPING NAME:     | IODOPROPANES |
| UN NUMBER:                | 2392         |
| CLASS:                    | 3            |
| PACKING GROUP:            | III          |
| REPORTABLE QUANTITY (RQ): | NO           |
| POISON INHALATION HAZARD: | NO           |

**IMDG**

|                       |              |
|-----------------------|--------------|
| PROPER SHIPPING NAME: | IODOPROPANES |
| UN NUMBER:            | 2392         |
| CLASS:                | 3            |
| PACKING GROUP:        | III          |
| EMS-NO:               | F-E, S-D     |
| MARINE POLLUTANT:     | YES          |

**IATA**

|                       |              |
|-----------------------|--------------|
| PROPER SHIPPING NAME: | IODOPROPANES |
| UN NUMBER:            | 2392         |
| CLASS:                | 3            |
| PACKING GROUP:        | III          |

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**SECTION 15. REGULATORY INFORMATION**

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|                     |  |
|---------------------|--|
| SARA 302 COMPONENTS | NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302.  |
| SARA 313 COMPONENTS | THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DEMINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313. |



SARA 311/312 HAZARDS FIRE HAZARD, ACUTE HEALTH HAZARD  
MASSACHUSETTS RIGHT TO KNOW COMPONENTS NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT.  
PENNSYLVANIA RIGHT TO KNOW COMPONENTS

CAS # REVISION DATE

2-Iodopropane 75-30-9

contains copper as stabilizer

NEW JERSEY RIGHT TO KNOW COMPONENTS

CAS # REVISION DATE

2-Iodopropane 75-30-9

contains copper as stabilizer

CALIFORNIA PROP. 65 COMPONENTS

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR ANY OTHER REPRODUCTIVE HARM.

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## SECTION 16. OTHER INFORMATION

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### FULL TEXT OF H-STATEMENTS REFERRED TO UNDER SECTIONS 2 AND 3.

|            |                              |
|------------|------------------------------|
| ACUTE TOX. | ACUTE TOXICITY               |
| FLAM. LIQ. | FLAMMABLE LIQUIDS            |
| H226       | FLAMMABLE LIQUID AND VAPOUR. |
| H302       | HARMFUL IF SWALLOWED.        |

### HMIS RATING

|                        |   |
|------------------------|---|
| HEALTH HAZARD:         | 1 |
| CHRONIC HEALTH HAZARD: |   |
| FLAMMABILITY:          | 2 |
| PHYSICAL HAZARD        | 0 |

### NFPA RATING

|                    |   |
|--------------------|---|
| HEALTH HAZARD:     | 0 |
| FIRE HAZARD:       | 2 |
| REACTIVITY HAZARD: | 0 |

### MSDS LEGEND

|        |  |
|--------|--|
| MW:    | MOLECULAR WEIGHT   |
| MF:    | MOLECULAR FORMULA  |
| VOC:   | VOLATILE ORGANIC COMPOUNDS                               |
| ACGIH: | AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGINISTS |
| CAS:   | CHEMICAL ABSTRACTS SERIVE REGISTRY NUMBER                |
| OSHA:  | OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION            |
| PEL:   | PERMISSIBLE EXPOSURE LIMIT (OSHA)                        |
| TLV:   | THRESHOLD LIMIT VALUE (ACGIH)                            |

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